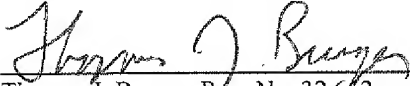


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 7/12/07  
Thomas J. Burger, Reg. No. 32,662 Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Thomas Scherer, Torsten Schwan, Georg Muhlthaler, and Jan Dittmar  
Serial No.: 10/582,570  
Filed: June 12, 2006  
Group Art Unit: 3744  
Confirmation No.: 1698  
For: Device and Process For Temperature Regulation of Sections of the Interior of an Aircraft

Cincinnati, Ohio 45202

Date: July 12, 2007

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR CORRECTED FILING RECEIPT And  
LIST OF INVENTORS ON PUBLISHED APPLICATION**

We have attached:

- 1) a copy of the official filing receipt received from the PTO in the above application;
- 2) the first page of U.S. Patent Application Publication No. US 2007/0119584 A1 ("the '584 publication"); and
- 3) a copy of the Declaration and Power of Attorney For Patent Application which was submitted on June 12, 2006, which shows four inventors, namely, Thomas Scherer, Torsten Schwan, Georg Muhlthaler, and Jan Dittmar. (emphasis added)

The first two items are incorrect in that they omit the fourth listed Inventor, Jan Dittmar, of Buxtehude, GERMANY.

Applicants respectfully request that the USPTO correct this error, and issue a corrected filing receipt and a corrected listing of all four inventors on the '584 publication.

The corrections are not due to any error by applicants. Therefore, no fee is due.  
Nonetheless, if this request raises any questions the undersigned attorney asks that he be  
contacted by telephone.

Respectfully submitted,  
WOOD, HERRON & EVANS, L.L.P.

By:   
Thomas J. Burger Reg. No. 32,662

2700 Carew Tower  
Cincinnati, Ohio 45202  
(513) 241-2324



## UNITED STATES PATENT AND TRADEMARK OFFICE

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APPL NO.	FILING OR 371(c) DATE	ART UNIT	ORL FEE REC'D	ATTY. DOCKET NO	TOT CLMS	IND CLMS
10/582,570	06/12/2006	3744	900	WUE-61	10	2

CONFIRMATION NO. 1698

Thomas J Burger  
 Wood Herron & Evans  
 2700 Carew Tower  
 441 Vine Street  
 Cincinnati, OH 45202-2917

## FILING RECEIPT



\*OC000000022591565\*

Date Mailed: 03/05/2007

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Thomas Scherer, Hamburg, GERMANY;  
 Torsten Schwan, Pinneberg, GERMANY;  
 Georg Muhlthaler, Hamburg, GERMANY;  
 Jan Dittmar, Buxtehude, GERMANY

## Power of Attorney:

Thomas Burger--32662

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/EP04/14854 12/30/2004

## Foreign Applications

If Required, Foreign Filing License Granted: 02/21/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/582,570**

Projected Publication Date: 05/31/2007

Non-Publication Request: No

Early Publication Request: No

**Title**

Device and process for temperature regulation of sections of the interior of an aircraft

**Preliminary Class**

062

## **PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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### **LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15**

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US 20070119584A1

(19) **United States**(12) **Patent Application Publication** (10) Pub. No.: **US 2007/0119584 A1**

Scherer et al.

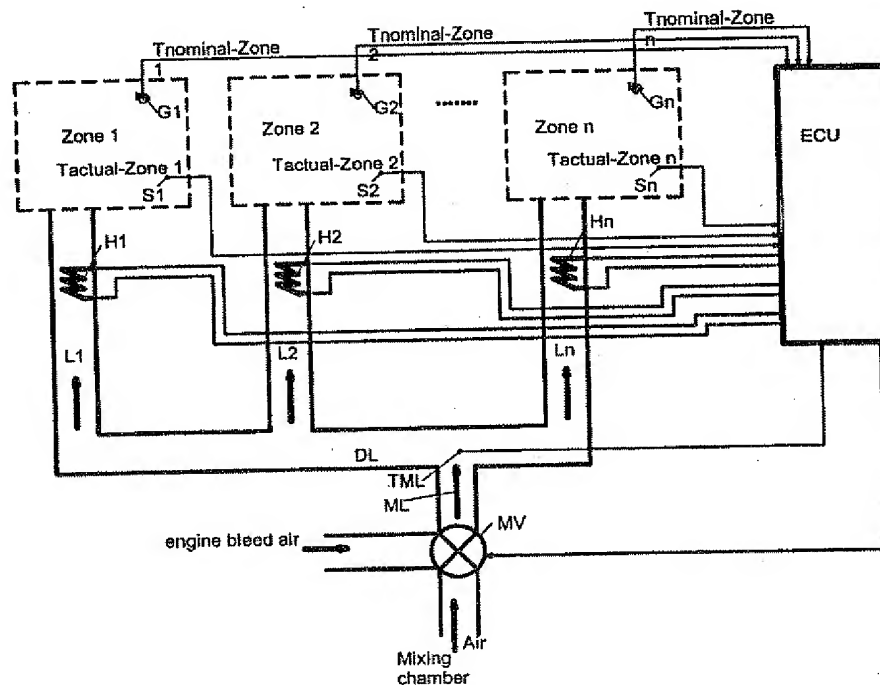
(43) Pub. Date:

**May 31, 2007**(54) **DEVICE AND PROCESS FOR TEMPERATURE REGULATION OF SECTIONS OF THE INTERIOR OF AN AIRCRAFT**(76) Inventors: **Thomas Scherer, Hamburg (DE);  
Torsten Schwan, Pinneberg (DE);  
Georg Muhlthaler, Hamburg (DE)**Correspondence Address:  
**Thomas J Burger  
Wood Herron & Evans  
2700 Carew Tower  
441 Vine Street  
Cincinnati, OH 45202-2917 (US)**(21) Appl. No.: **10/582,570**(22) PCT Filed: **Dec. 30, 2004**(86) PCT No.: **PCT/EP04/14854**

§ 371(c)(1),

(2), (4) Date: **Jun. 12, 2006****Publication Classification**(51) **Int. Cl.****F24D 19/10 (2006.01)****B60H 1/00 (2006.01)****F24F 3/00 (2006.01)**(52) **U.S. Cl. .... 165/203; 165/215; 236/1 B**(57) **ABSTRACT**

A process for temperature regulation of sections of the interior of an aircraft with the following steps: recording of the respective actual temperatures and the respective nominal temperatures in the individual sections; mixing of engine bleed air and air which is cooler than the engine bleed air in order to obtain pre-tempered mixed air at a temperature which essentially corresponds to the lowest of the nominal temperatures recorded; distribution of the pre-tempered mixed air to all sections; and post-tempering of the mixed air distributed to the sections with higher nominal temperature corresponding to the differences between the respective nominal temperatures and the respective actual temperatures can be carried out in a device with a controlled mixer valve for the mixing of engine bleed air and air that is cooler than the engine bleed air in order to obtain pre-tempered mixed air flowing out of the mixer valve; to a distribution line connected to the outlet of the mixer valve which is connected to the respective sections by means of at least two supply lines; individual heating units assigned to the respective sections; sensors assigned to the individual sections for the respective actual temperatures and transmitters for the respective nominal temperatures; a regulator unit which controls the mixer valve dependent upon the respective nominal temperatures and the respective actual temperatures in the individual areas in such a way that the pre-tempered mixed air is of a temperature which essentially corresponds to the lowest of the nominal temperatures for all sections, and which controls the heating units assigned to the other sections corresponding to the differences between the respective nominal temperatures and the respective actual temperatures.



# DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Docket No. \_\_\_\_\_

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Device and Process for Temperature Regulation of Sections of the Interior of  
the specification of which \_\_\_\_\_ an Aircraft

(check one) ☒ is attached hereto.  
☐ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_  
 and was amended on \_\_\_\_\_ (if applicable).  
☒ was filed as PCT International Application No. PCT/EP2004/014854 and was  
 amended under PCT Article 19 on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) on which priority is claimed:

Prior Foreign/PCT Application(s)			Priority Claimed	
103 61 709.4	Germany	30 December 2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(Application No.)	(Country/PCT)	(Day/Month/Year Filed)	Yes	No
_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
(Application No.)	(Country/PCT)	(Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under Title 35, United States code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

## Prior U.S./PCT Applications:

(U.S. Application Serial No.)	(U.S. Filing Date)	(Status-patented/pending/abandoned)
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(U.S. Application Serial No.)	(U.S. Filing Date)	(Status-patented/pending/abandoned)
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PCT/EP2004/014854	December 30, 2004	Pending
(PCT Application No.)	(U.S. Filing Date)	(U.S. Serial No. Assigned, if any)
(Status-patented/pending/abandoned)		

(PCT Application No.)	(U.S. Filing Date)	(U.S. Serial No. Assigned, if any)	(Status-patented/pending/abandoned)
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Full name of sole or first inventor:

Thomas SCHERER

Inventor's Signature:

*Thomas Scherer*

Date:

*8<sup>th</sup> May 2006*

Residence

Tinsdaler Kirchenweg 228a, 22559 Hamburg, Germany

Country of Citizenship

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Post Office Address

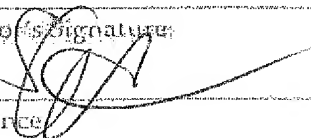
same as residence



Full name of second joint inventor, if any:

Torsten SCHWAN

Inventor's Signature:



Date:

8 May 2006

Residence:

Diesterwegstrasse 25, 25421 Pinneberg, Germany

Country of Citizenship

Germany

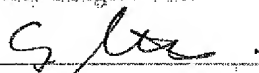
Post Office Address

same as residence

Full name of third joint inventor, if any:

Georg MÜHLTHALER

Inventor's Signature:



Date:

8 May 2006

Residence:

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Country of Citizenship

Germany

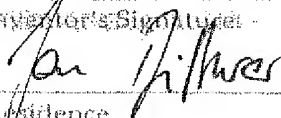
Post Office Address

same as residence

Full name of fourth joint inventor, if any:

Jan DITTMAR

Inventor's Signature:



Date:

08 May 2006

Residence:

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Country of Citizenship

Germany

Post Office Address

same as residence